

CLAIMS

WHAT IS CLAIMED IS:

- 5 1. A method comprising:
 - receiving a specification of a method in a container-managed persistence bean and a procedure in a backend data store; and
 - accessing the procedure via a backend-specific protocol.
- 10 2. The method of claim 1, further comprising:
 - generating code in a helper class associated with the container-managed persistence bean.
- 15 3. The method of claim 2, wherein the code in the helper class performs the accessing.
4. The method of claim 1, further comprising:
 - receiving a specification of input and output records for the procedure; and
 - mapping the input and output records between the method and the procedure.
- 20 5. The method of claim 1, further comprising:
 - determining a connector based on a connection factory type; and
 - accessing the procedure via the connector.
6. An apparatus comprising:
 - means for receiving a specification of a method in a container-managed persistence bean and a procedure in a backend data store;
 - means for generating code in a helper class associated with the container-managed persistence bean; and
 - means for accessing the procedure via a backend-specific protocol.

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7. The apparatus of claim 6, wherein the code in the helper class performs the means for accessing.
8. The apparatus of claim 6, further comprising:
 - 5 means for receiving a specification of input and output records for the procedure; and means for mapping the input and output records between the method and the procedure.
- 10 9. The apparatus of claim 6, further comprising:
 - means for determining a connector based on a connection factory type; and means for accessing the procedure via the connector.
10. The apparatus of claim 6, further comprising:
 - 15 means for calling an evaluator class and passing results of the procedure, wherein the evaluator class evaluates the results.
11. A signal-bearing medium encoded with instructions, wherein the instructions when executed comprise:
 - 20 receiving a specification of a method in a container-managed persistence bean and a procedure in a backend data store;
 - generating code in a helper class associated with the container-managed persistence bean; and
 - accessing the procedure via a backend-specific protocol, wherein the code in the
- 25 helper class performs the accessing.
12. The signal-bearing medium of claim 11, further comprising:
 - receiving a specification of input and output records for the procedure; and
 - mapping the input and output records between the method and the procedure.
- 30 13. The signal-bearing medium of claim 11, further comprising:

determining a connector based on a connection factory type; and
accessing the procedure via the connector.

14. The signal-bearing medium of claim 11, further comprising:

5 calling an evaluator class and passing results of the procedure, wherein the
evaluator class evaluates the results.

15. The signal-bearing medium of claim 11, wherein the backend data store comprises a
relational database.

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16. A computer system comprising:

 a processor; and
 a storage device encoded with instructions, wherein the instructions when
executed on the processor comprise:

15 receiving a specification of a method in a container-managed persistence
bean and a procedure in a backend data store,
 generating code in a helper class associated with the container-managed
persistence bean,

 determining a connector based on a connection factory type, and

20 accessing the procedure via a backend-specific protocol and the connector,
wherein the code in the helper class performs the accessing.

17. The computer system of claim 16, wherein the instructions further comprise:

 receiving a specification of input and output records for the procedure; and
 mapping the input and output records between the method and the procedure.

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18. The computer system of claim 16, wherein the instructions further comprise:

 calling an evaluator class and passing results of the procedure, wherein the
evaluator class evaluates the results.

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19. The computer system of claim 16, wherein the backend data store comprises a relational database.
20. The computer system of claim 16, wherein the backend data store comprises a non-relational database.
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